



Bendix Wingman Fusion, Front Radar Fulfillment

Service Category Service Department

Section 366

Technician Skill Level C

Market US, Canada, Mexico, Export

Applicability

Mack

Model Years	Models
2022 - 2023	AN, GR, PI

Introduction

This Service Campaign is the solution for vehicles affected by the shortage of the Bendix Wingman Fusion, front radar sensors. As forward looking radars are secured by Mack, we are adding affected vehicles to this service campaign on a monthly basis in the order they were built. It is imperative that you ensure the vehicle you are repairing is on the campaign before performing this repair.

This Service Campaign requires the installation and alignment of the forward looking radar, removal of the information label from the windshield, and clearing of any system faults.

Production Change Information

This bulletin applies to vehicles built within the specified production changes below.

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Mack	CU12, MP7, MP8,	USA17, USA21	08-September-2021	TBD

Warranty Information

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.		B
Main Labor Code	Description	Hours
3665-02-02-01	Radar, Adaptive Cruise Control (ACC), Install	0.3
3665-07-02-02	Forward Looking Radar, Calibration	0.3
Causal Part	23792796	
SCC Authorization Code	S7641	
Expiration Date	December 31, 2023	

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Parts Information

Ordering Process: An email is required to order the front radar. Email campaign@macktrucks.com and include the following in the body of the email:

- VIN of vehicle being repaired
- Dealer ID number
- Part Number
- Campaign Number
- PO number

A response will be provided within 24 hrs. during normal business.

Truck Models	Part Numbers	Part Names	Quantity
AN, GR, PI	23792796	Sensor (Forward Looking Radar)	1
Or			
GR, with extended front frame	23545803	Sensor (Forward Looking Radar)	1

Required Tools & Equipment

- Bendix Tools:
 - K065284 – Alignment Tool
 - K096579 - Alignment Tool
 - K073087 – Steel Clip
- Digital Inclinometer

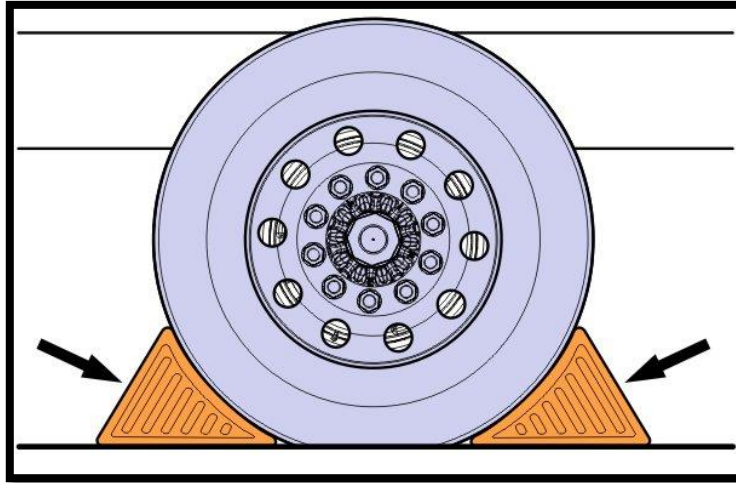
Calibration Information

- N/A

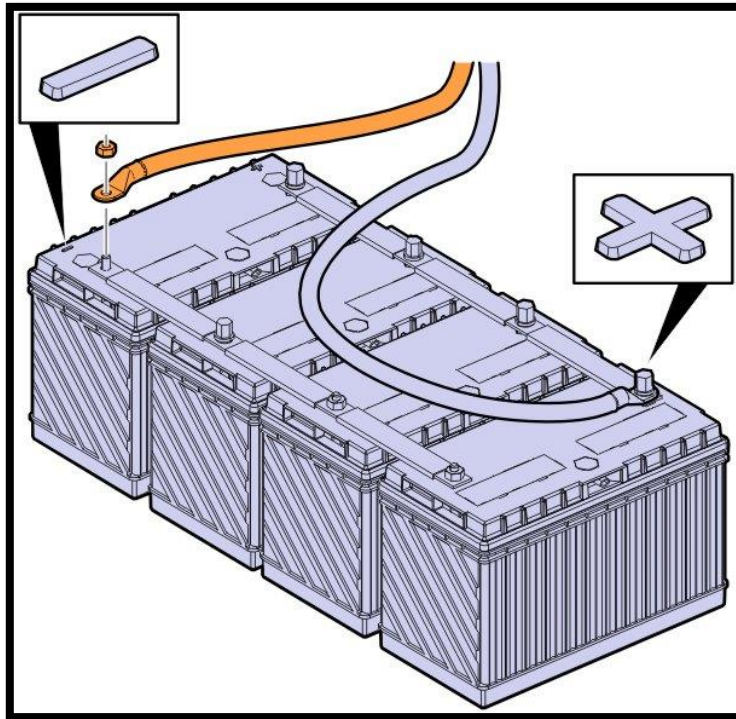
Repair Procedure

1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the gear lever in neutral.
4. Install the wheel chocks.

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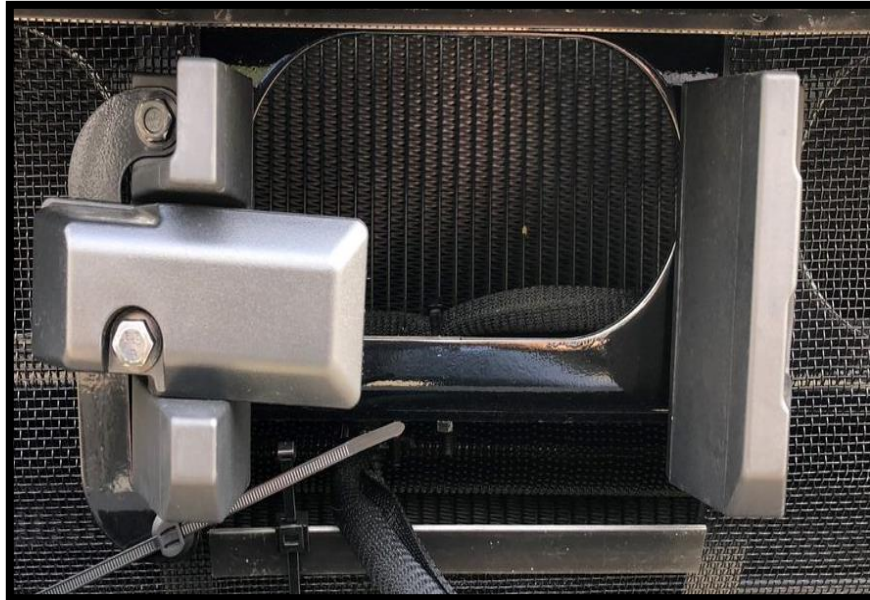


5. Disconnect the cable from the negative terminal.

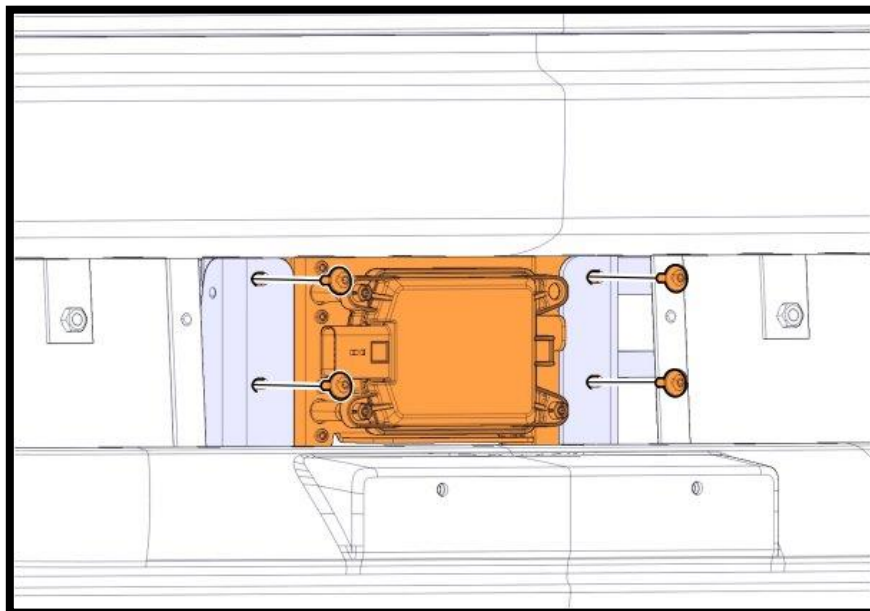


6. Remove the mounting hardware securing the rubber blocks and the electrical connector cover.

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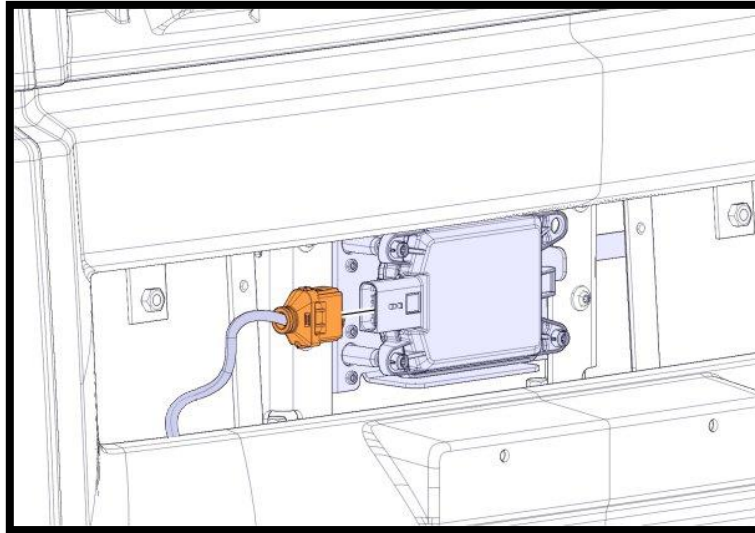


7. Install new radar using the existing hardware.

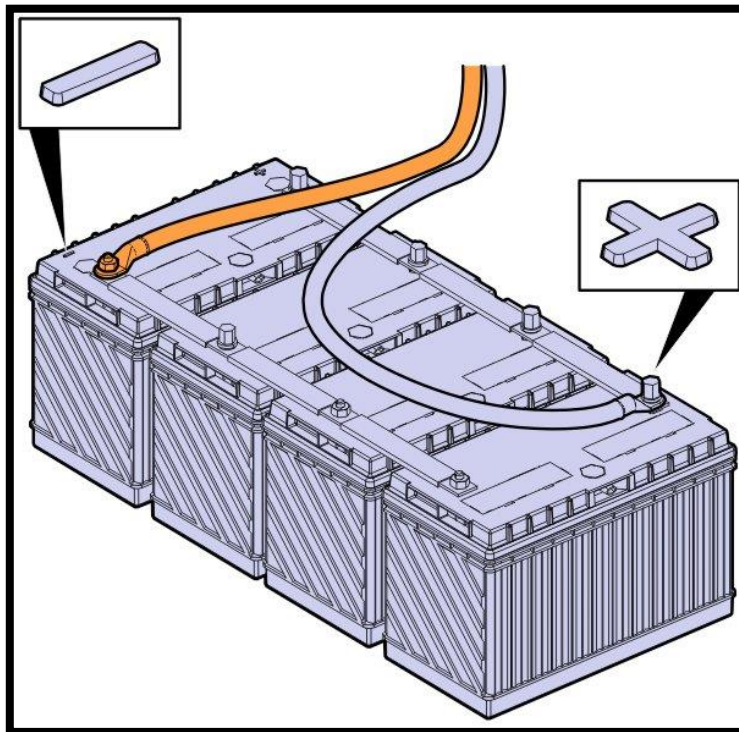


8. Remove electrical protective cap from radar wiring harness

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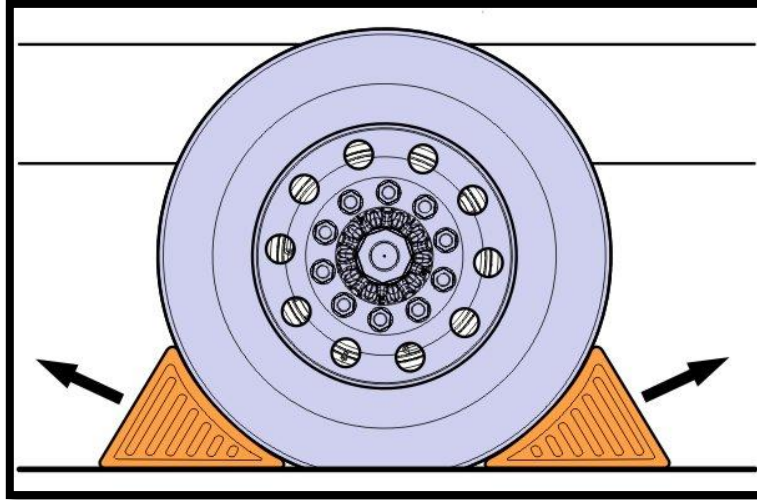


9. Connect the connector.
10. Align the forward looking radar in accordance with, ***Forward Looking Radar, Vendor Information*** in Impact, under function group 366, Identity 164557389.
11. Connect the cable to the negative terminal.



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12. Remove the information label from the upper left corner of the windshield.
13. Clear all system faults.
14. Remove the wheel chocks.



15. Release the vehicle for service.